

REMARKS

In accordance with the foregoing, claims 2, 7, 8, 13, 19, 20, 22, 23, 25, and 32 have been amended, new claims 33-35 have been added. Claims 1 and 12 have been cancelled without prejudice or disclaimer. Claims 2-11 and 13-35 are pending and under consideration.

Objection to Claim 19 Under 37 C.F.R. §1.75(c)

The Office Action objects to claim 19 under 37 C.F.R. §1.75(c) because claim 19 is an exact duplicate of claim 11 from which claim 19 depends. Applicant amends claim 19 to depend from claim 15 to obviate this objection. Accordingly, withdrawal of this objection is respectfully requested.

Rejection of Claims 7, 12-18, 20-25, and 32 Under 35 U.S.C. §112, second paragraph

The Office Action rejects claims 7, 12-18, 20-25, and 32 Under 35 U.S.C. §112, second paragraph. The Office Action indicates that claims 7, 22, 25, and 32 are rejected because there is no antecedent support for the term "the air flow control unit." Applicant has amended claims 7, 22, 25, and 32 to obviate this rejection. However, Applicant respectfully submits that the amendments to these claims do not change the scope of these claims.

The Office Action rejects claim 12 and 23 because the phrase "the turbulence above the air guide plate being unaffected by the rotating disk" is indefinite. This rejection is respectfully traversed because at least paragraph [0040] of the specification supports this feature.

However, Applicant has cancelled claim 12 without prejudice or disclaimer, amended claim 23, and added new claims 33, 34, and 35, which contain this feature.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 1 and 12 Under 35 U.S.C. §102(e)

The Office Action rejects claims 1 and 12 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent 6,493,310 issued to Kim et al. (hereinafter referred to as "Kim"). Claims 1 and 12 are cancelled without prejudice or disclaimer. Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 2, 5, 8, 13-17, and 26-30 Under 35 U.S.C. §103(a)

The Office Action rejects claims 2, 5, 8, 13-17, and 26-30 under 35 U.S.C. §103(a) as being unpatentable over Kim in view of U.S. Patent 6,882,500 issued to Srikrishna. This rejection is respectfully traversed.

According to 35 U.S.C. §103(c)(1), "Subject matter developed by another person, which qualifies as prior art only under one or more of subsections (e), (f), and (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the claimed invention was made, owned by the same person or subject to an obligation of assignment to the same person."

It is respectfully submitted that Kim and the claimed invention were, at the time the claimed invention was made, owned by Samsung Electronics Co., Ltd., or subject to an obligation of assignment by Samsung Electronics Co., Ltd. Therefore, Kim does not qualify as prior art under 35 U.S.C. §103 and can not be used in combination with other references to reject these claims.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 6, 9-11, 18-21, and 31 Under 35 U.S.C. §103(a)

The Office Action rejects claims 6, 9-11, 18-21, and 31 under 35 U.S.C. §103(a) as being unpatentable over Kim in view of Srikrishna and further in view of U.S. Patent 6,948,176 issued to Cho et al. (hereinafter referred to as "Cho"). This rejection is respectfully traversed.

As discussed above, Kim does not qualify as prior art.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 7, 22, 25, and 32 Under 35 U.S.C. §103(a)

The Office Action rejects claims under 35 U.S.C. §103(a) as being unpatentable over Kim in view of Srikrishna and Cho and further in view of "Low-Speed Wind Tunnel Testing" by Balrow et al. (hereinafter referred to as "Balrow"). This rejection is respectfully traversed.

As discussed above, Kim does not qualify as prior art.

Accordingly, withdrawal of this rejection is respectfully requested.

Summary

Claims 2-11 and 13-35 are pending and under consideration. It is respectfully submitted that none of the references taken alone or in combination disclose the present claimed invention.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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July 13, 2006

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